

The evidence digest collates recently released reports and evidence – provision of these links does not imply endorsement nor recommendation.

### **Risk factors for post-COVID-19 conditions, COVID-19 vaccine fatigue, COVID-19 pandemic policies, drugs to prevent COVID-19**

#### **Peer reviewed journals featured:**

- A systematic review on risk factors associated with post-COVID-19 condition [here](#)
- A randomised clinical trial of standard-dose prophylactic, high-dose prophylactic, and therapeutic anticoagulation in hypoxemic COVID-19 pneumonia patients [here](#) and associated commentary [here](#)
- Narrative reviews on:
  - Determinants of COVID-19 vaccine fatigue [here](#)
  - Drug repurposing and observational studies of antivirals for treating COVID-19 [here](#)
- Observational studies on:
  - Assessing COVID-19 pandemic policies, behaviours and their economic and educational trade-offs across US states [here](#)
  - Treatment with nirmatrelvir (Paxlovid) and the risk of post-COVID condition [here](#) and [here](#)
  - Neurodevelopmental outcomes in offspring of mothers with SARS-CoV-2 infection during pregnancy [here](#)
  - Risk of death after COVID-19 vaccination or positive SARS-CoV-2 test in young people in England [here](#)
  - Maternal third dose of Comirnaty (Pfizer) vaccine and risk of infant COVID-19 hospitalisation [here](#)

#### **Letters and correspondence discussed:**

- Estimated risk of adverse surgical outcomes in patients with recent COVID-19 infection [here](#)
- Stroke, myocardial infarction, and pulmonary embolism after bivalent booster [here](#)
- Bivalent mRNA vaccine-elicited SARS-CoV-2 specific T cells and the Omicron XBB sublineage [here](#)

## Pre-peer review articles featured:

- Outcomes of patients with COVID-19 vs other lung infections requiring venovenous extracorporeal membrane oxygenation [here](#)
- The real-world effectiveness of an intranasal spray A8G6 antibody cocktail in the post-exposure prophylaxis of COVID-19 [here](#)
- Challenges and opportunities with translating and interpreting COVID-19 related public health messaging to reach ethnic minorities in Australia [here](#)
- A deep learning method for predicting the COVID-19 ICU patient outcome fusing X-rays, respiratory sounds, and ICU parameters [here](#)

## Guidance and reports

- The World Health Organization published:
  - An updated guide on drugs to prevent COVID-19 [here](#) with associated BMJ visual summary [here](#), and [here](#)
  - A report on the impact of COVID-19 in five global health workforce professions [here](#)
- The National Clinical Evidence Taskforce released updated recommendations and flowcharts [here](#)

## News and blogs

- Nasally administered monoclonal antibody for COVID-19 [here](#)
- Patients launch legal action against AstraZeneca over its COVID-19 vaccine [here](#)
- The WHO's Strategic Advisory Group of Experts on Immunization (SAGE) updates COVID-19 vaccination guidance [here](#)
- COVID-origins report sparks debate over major genome hub GISAID [here](#)

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**There will be no Digest over the Easter break.** The team is transitioning the Digest to be more focused on significant advances and innovations in healthcare, rather than limited to the topic of COVID-19. Our final COVID-19 Digest is scheduled to be released on 14 April and we will invite subscribers to sign up to receive our new, reformulated Digest.